

AIRBORNE SURVEY SPECIFICATIONS

MAGNETOMETER : 3 G-813 proton precession magnetometers in tail stinger and wing tips.
Sensitivity : 0.2 nT

RECORDING INTERVAL : 30m sampling

SPECTROMETER : GR - 800 gamma ray spectrometer
Volume : 16.8 litres

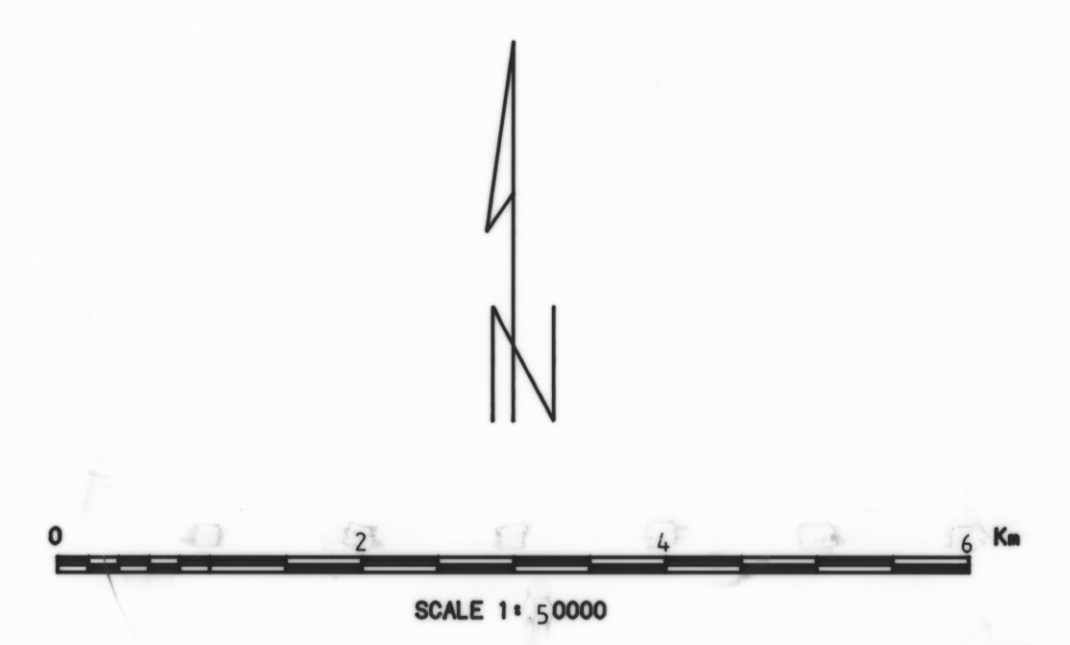
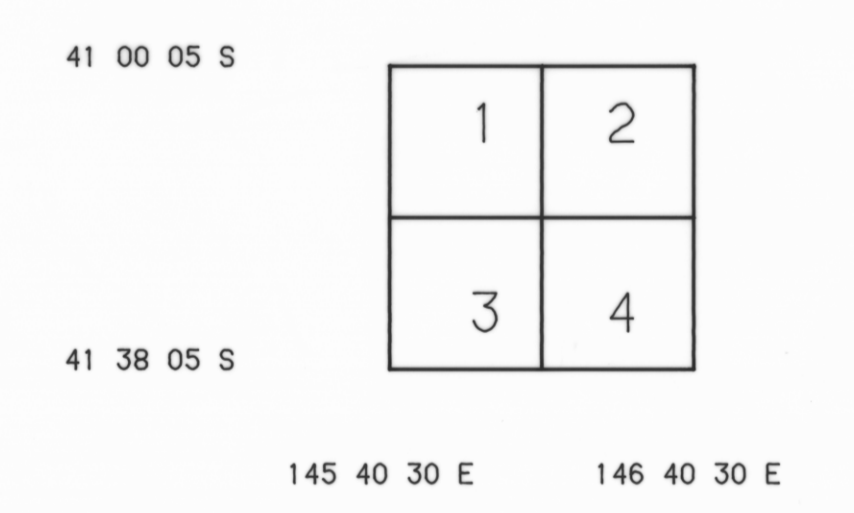
TOTAL COUNT WINDOW : 0.8 - 3.00 MeV
POTASSIUM WINDOW : 1.36 - 1.56 MeV
URANIUM WINDOW : 1.66 - 1.86 MeV
THORIUM WINDOW : 2.42 - 2.82 MeV
RECORDING INTERVAL : 60m sampling

DATA RECORDING : Geometrics 714 acquisition system.
Digital to magnetic tape.

NOMINAL TERRAIN CLEARANCE : All detectors in aircraft at 150m.
NOMINAL LINE SPACING : Traverse lines 500 metres.
Tie lines 10 km.
continuous tracking colour video.

FLIGHT PATH RECORD : Visually to 1:100,000 mosaics
FLIGHT LINE RECOVERY : with Doppler interpolation between recovered points

TOTAL COUNT CONTOURS
Grid notation refers to Australian Map Grid Zone 55
Digitised from mosaics at 1:100,000
Radiometrics : background removed on a flight basis
*Corrected for Compton Scattering
*Height corrected to survey height
Grid mesh size 100 x 100 metres
Grid filter : Polynomial, radius 300 metres
Contour interval 25, 50, 100, 200 and 1000 cps



JOB NO : 9312
Flown by Geometrics International Corporation
November 1985
Processed by Engineering Computer Services, Bowral

TASMANIAN MINES DEPARTMENT

**DEVONPORT AREA
TOTAL COUNT CONTOURS
SHEET FOUR**

DATE : 23-MAY-86

ORIGINAL

5158 A
1:50,000

VERTICAL
No. 2